



1649

Attorney's Docket No. 9151-18

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Shelness

Serial No.: 09/885,894

Filed: June 20, 2001

For: TRUNCATED APOLIPOPROTEIN B-CONTAINING LIPOPROTEIN PARTICLES  
FOR DELIVERY OF COMPOUNDS TO TISSUES OR CELLS

Group Art Unit: 1642

Examiner: Susan Ungar

# 5  
JM  
10/13/02

October 2, 2002

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Commissioner for Patents  
Washington, DC 20231


TECH CENTER 1600/2900

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Attached is a form PTO-1449, together with a copy of each identified document. This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(b), within three months of the filing date of the above-referenced application or before the mailing of a first Office Action on the merits, whichever event occurs last. Accordingly, no fee is required. The Commissioner is authorized to charge any additional fee, or credit any refund, to our Deposit Account No. 50-0220.

Respectfully submitted,

  
Jarett K. Abramson  
Registration No. 47,376




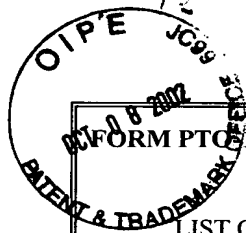
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Susan E. Freedman  
Date of Signature: October 2, 2002



FORM PTO 1449 U.S. Department of Commerce  
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LIST OF DOCUMENTS CITED BY APPLICANT

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Applicants: Gregory S. Shelness TECH CENTER 1600/2900

Filing Date: September 26, 2001

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1645

U. S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	5,512,671	04/30/96	Piantadosi et al.	536	26.1	04/07/95
	2.	5,614,548	03/25/97	Piantadosi et al.	514	440	09/08/94
	3.	6,027,921	02/22/00	Heartlein et al.	425	69.7	03/08/98
	4.	6,177,544	01/23/01	Woo et al.	536	23.1	06/05/95

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes   No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	5.	Benita et al. (1993) "Submicron Emulsions as Colloidal Drug Carriers for Intravenous Administration: Comprehensive Physicochemical Characterization" <i>J. Pharm. Sci.</i> 82:1069-1079.
	6.	Berton et al. (1999) "Highly loaded nanoparticulate carrier using an hydrophobic antisense oligonucleotide complex" <i>Eur. J. Pharm. Sci.</i> 9:163-170.
	7.	Davidson et al. (2000) "Apolipoprotein B: mRNA Editing, Lipoprotein Assembly, and Presecretory Degradation" <i>Annu. Rev. Nutr.</i> 20:169-193.
	8.	DeLozier et al. (2001) "Vesicle-binding properties of wild-type and cysteine mutant forms of $\alpha_1$ domain of apolipoprotein B" <i>J. Lipid Res.</i> 42:399-406.
	9.	Firestone et al. (1984) "Selective Delivery of Cytotoxic Compounds to Cells by the LDL Pathway" <i>J. Med. Chem.</i> 27:1037-1043.
	10.	Hara et al. (1997) "In vivo gene delivery to the liver using reconstituted chylomicron remnants as a novel nonviral vector" <i>Proc. Natl. Acad. Sci. USA</i> 94:14547-14552.

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| 11. | Herscovitz et al. (1991) "Expression, secretion, and lipid-binding characterization of the N-terminal 17% of Apolipoprotein B" <i>Proc. Natl. Acad. Sci. USA</i> <b>88</b> :7313-7317.   |
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| 13. | Huettinger et al. (1984) "Imaging of hepatic low density lipoprotein receptors by radionucleotide scintiscanning <i>in vivo</i> " <i>Proc. Natl. Acad. Sci. USA</i> <b>81</b> :7599-7603.  |
| 14. | Khopade et al. (2000) "Concanavalin-A Conjugated Fine-Multiple Emulsion Loaded with 6-Mercaptopurine" <i>Drug Deliv.</i> <b>7</b> :105-112.  |
| 15. | McLeod et al. (1994) "Carboxyl-terminal Truncation Impairs Lipid Recruitment by Apolipoprotein B100 But Does Not Affect Secretion of the Truncated Ap[olipoprotein B-containing Lipoproteins" <i>J. Biol. Chem.</i> <b>269</b> :2852-2862. |
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| 19. | Shelness et al. (2001) "Very-low-density lipoprotein assembly and secretion" <i>Curr. Opin. Lipidol.</i> <b>12</b> :151-157.   |
| 20. | Song et al. (1996) "Antibody Mediated Lung Targeting of Long-Circulating Emulsions" <i>PDA J. Pharm. Sci. Technol.</i> <b>50</b> :372-377.   |
| 21. | Spring et al. (1992) "Lipoprotein Assembly" <i>J. Biol. Chem.</i> <b>267</b> :14839-14845.   |
| 22. | Takino et al. (1994) "Long Circulating Emulsion Carrier Systems for Highly Lipophilic Drugs" <i>Biol. Pharm. Bull.</i> <b>17</b> :121-125.   |
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| 24. | Walsh et al., "Reassembly of Low-Density Lipoproteins", <i>Methods in Enzymology</i> , Vol. 128, 1986, pp. 582-608   |
| 25. | Weinberg et al. (2000) Dynamic interfacial properties of human apolipoproteins A-IV and B-17 at the air/water and oil/water interface" <i>J. Lipid Res.</i> <b>41</b> :1419-1427.  |
| 26. | Zimmer (1999) "Antisense Oligonucleotide Delivery with Polyhexylcyanoacrylate Nanoparticles as Carriers" <i>Methods</i> <b>18</b> :286-295.  |

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